Renewable heat solutions
powering the next industrial age

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This presentation is intended to make general information about the Company's main activities accessible to investors in a clear and user-friendly manner. By its nature, the presentation is concise and does not include all the information and data published by the Company. For a full picture of the Company's activities and the risks involved, please refer to the full reports submitted by the Company to the Israel Securities Authority and the Stock Exchange, including the Company's annual report for 2024 as published on March 27, 2025 (Reference No.: 2025-01-021660) (hereinafter: "**the Annual Report**").

This presentation includes, among other things, forward-looking information as defined in the Securities Law (hereinafter: "**Forward-Looking Information**"), including forecasts, plans, assessments, and estimates, the realization of business plans, the implementation of a potential heat sales project in Asia with an international food and beverage corporation, including information presented via graphs, overviews, or any other means referring to future events and/or matters, the realization of which is uncertain and beyond the Company's control. This information is based on subjective and inherently uncertain estimates and assumptions, partly relying on analyses of economic, business, legal, and accounting data, work plans, schedules, assumptions about macroeconomic data, and other external factors existing at the time of this presentation, as well as on general public information, including statistical data published by various authorities, professional publications, studies, and surveys, the accuracy and/or completeness of which has not been independently verified by the Company.

The realization or non-realization of such forward-looking information is affected, among other things, by the materialization of any of the risk factors detailed in Section 22 of Chapter A of the Annual Report or by other external factors beyond the Company's control. It is clarified that the realization of such forward-looking information, including its impact on the Company's business, actual results, and future achievements, may differ, including materially, from what was projected or presented in this presentation.

About TIGI

TIGI is developing and providing comprehensive thermal energy generation and storage solutions, decarbonizing large-scale heat, while enabling customers to lower operational costs from day one.

The company completed two strategic moves, ensuring capacity for global project development, execution (taking over of SOLID) and financing (agreement with EREN).

The heat market

50% of global energy is used to generate heat, primarily for buildings and industry

75% of industrial energy is heat, used for manufacturing processes

90% of heat is generated by burning expensive and polluting fossil fuels

Examples of large-scale heat use

60 – 220 °C

Food and beverage, pharma, textiles – washing, pasteurization, sterilization, dyeing

60 – 120 °C

Chemical plants, mechanics, mining – distillation, reactions, washing, drying, surface treatment

80 – 120 °C

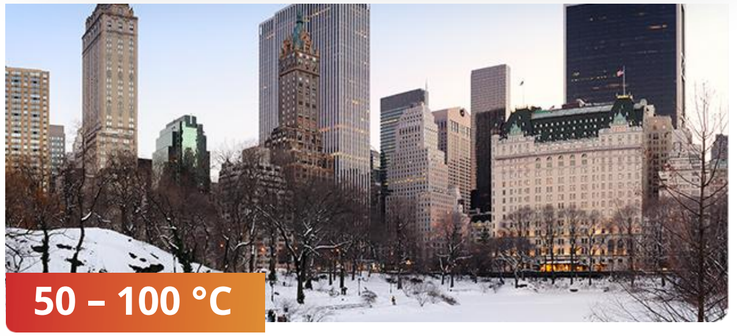
District heating – large scale central space heating, showers, delivered under streets directly to buildings

60 – 120 °C

Hotels, hospitals – commercial showers, kitchen operations, laundry services, sterilization

40 – 120 °C

Agriculture – greenhouses, post-harvest processing, drying, soil sterilization

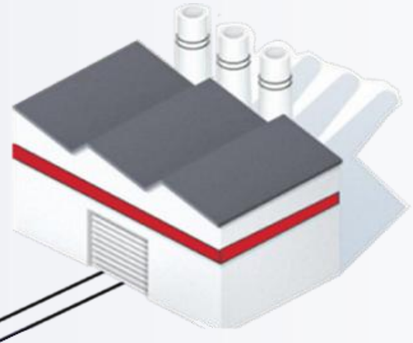


50 – 100 °C

Large buildings – space heating, showers, laundry

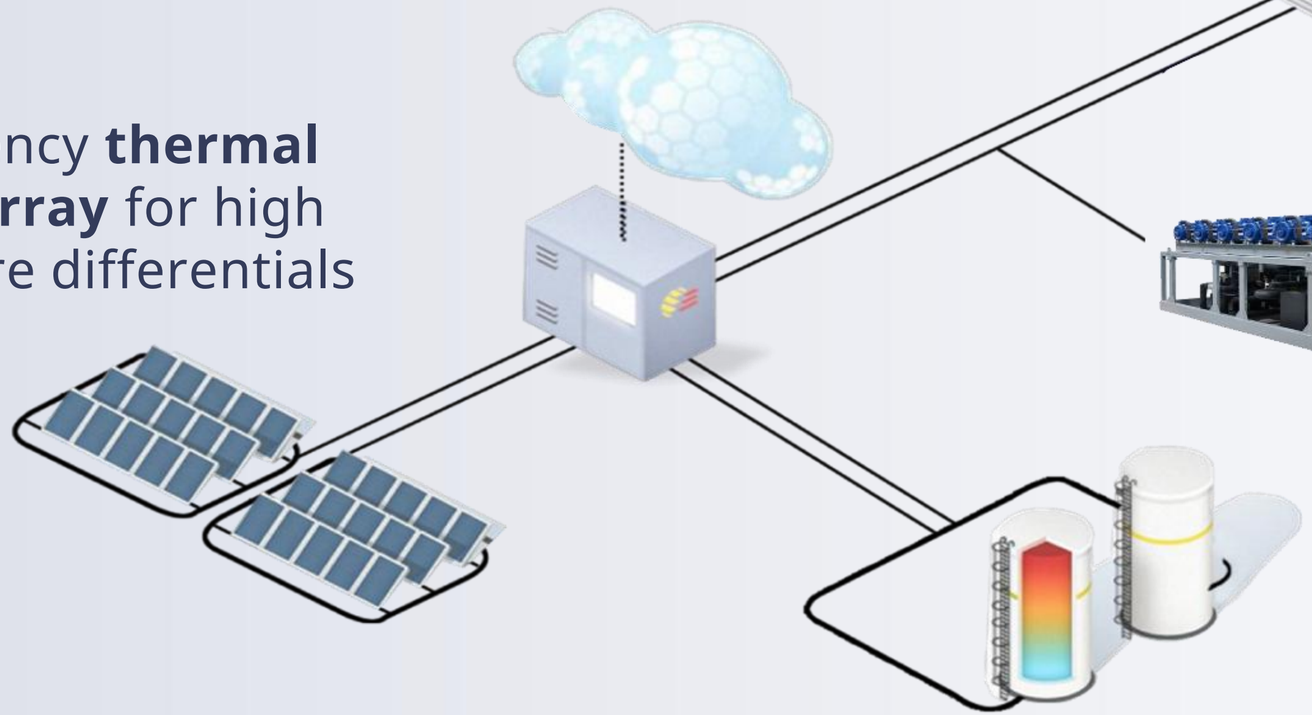
TIGI delivers a 360° advanced renewables-based heat generation and storage solution

Management & Control in a cloud environment



Heat user, factory

High efficiency **thermal collector array** for high temperature differentials



High-temperature industrial **heat pump systems**

Layered and efficient **thermal storage**

See details about patented solution components in the backup slides

Example: Ball Corp. Project

Client: A global aluminum products company, (NYSE:BALL). Ball has ~70 factories worldwide.
Project: Replacing gas with renewables for washing, in CA, USA.

50%
Of natural gas replaced by renewable heat

~ 4,000 m^2
Collector array, and thermal storage

$ 5 M
Expected revenues for 2023-2033
Including ~$2M ITC, heat and CSI grant ~$2.45M already received

GWh th 3.4
generated annually

620 tons CO_2
Annual emissions reduction

May 2023
Start of operations

TIGI’s Heat-as-a-Service model

TIGI installs systems, sells thermal energy

Benefits for client:

- No CAPEX investment
- Positive cashflow from day one
- Operational savings - competitive pricing vs. fossil-based energy
- Emissions reduction

Benefits or TIGI:

- EPC profit and recurring revenues from on-going energy sale
- Accelerated expansion: Enables avoiding of budget and tendering limitations
- Advantage through financing, with EREN

The time for renewable heat is now

The opportunity has become an immediate necessity for large companies.

Commitment to decarbonize heat using renewable energy and electrification.
Drivers include:

Regulation: Compulsory ESG emissions reporting and targets drive action. New regulation and subsidies in Europe. Purchase of renewable power credits is almost exhausted.

Access to capital: Meeting investor / loan green fundraising and impact requirements

Reducing dependency: avoiding volatile cost and low availability

Growing **public environmental awareness**

Strategic steps designed to capture the opportunity

2023

Significant HaaS industrial project in CA, USA

April 2024

Taking over Austrian SOLID to accelerate global growth

June 2024

Strategic and financial partner – EREN, to maximize HaaS model

2024-2025

Equity investments from Richter, EREN, Ratio group and others

April 2025

Won tender for district heating in Poland, received order for project in Chile

Strategic acquisition - SOLID

H1-2024

- Developer, designer and EPC in the field of renewable heat
- HQ in Graz, Austria
- 25 years experience
- Global execution capacity
- 200 projects in 25 countries
- Staff of 25, market and heat project experts
- Extensive global opportunities

Select projects by SOLID and TIGI

IKEA

California Dairies

pepsi GATORADE

Stadtwerke Mürzzuschlag GmbH

Strauss

SAP

HARVARD UNIVERSITY

Mein Berger Schinken · Ball · Coca-Cola · Stonyfield Farm · Elbit Systems · Unilever · Volvo · Hyatt Regency · UWCSEA · AVL · Golan Heights Winery

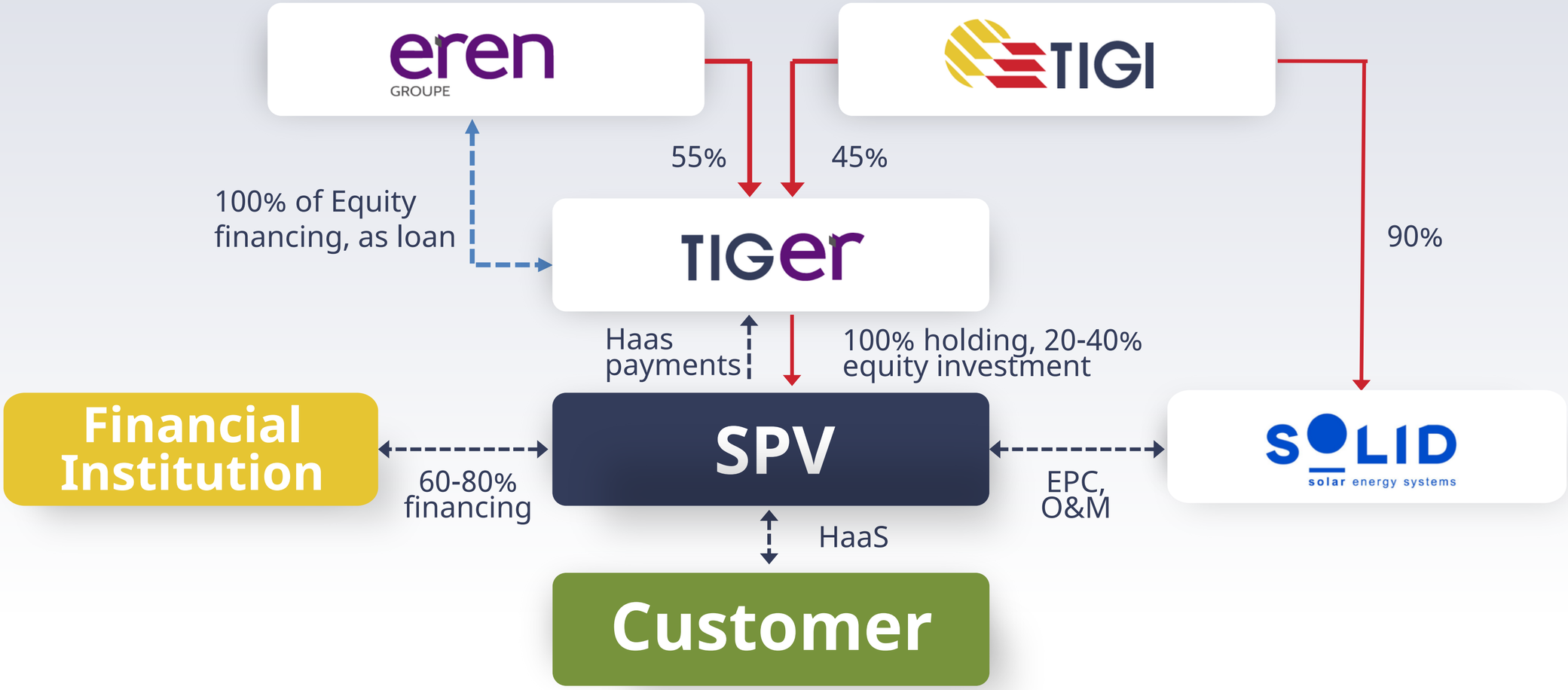
Strategic partner - EREN

H2-2024

- Leading global player in developing and financing renewable energy and energy storage projects
- 15 GW projects developed in 40 countries
- Two renewable energy portfolio exits with EDF and TOTAL, worth over €1 billion
- TIGI and EREN form partnership* to invest equity of € 40M enabling HaaS projects up to ~ € 100M
- TIGI profits as project developer & EPC; partner in recurring revenues from energy sale

* TIGI holds 45% in industrial projects partnership and 30% in partnership for district heating projects of over 7M€

Theoretical Heat-as-a-Service deal structure
EPC profit plus partnership in recurring energy sales



For district heating projects with EPC value > Euro 7M, the company's holding is 30%

Redefining heat through innovation and partnership

Technology & projects company in renewable heat. HQ in Israel, traded on TASE

Global projects development & execution. Global industrial and DH pipeline of opportunities

Strategic partnership to develop and finance large-scale renewable heat-as-a-Service projects

Focus, go-to market strategy for growth

Enabled by the strategic steps taken

Target customers:

- Industrial companies with multiple similar factories. Average target project size € 3-5M
- District heating

Business model:

Focus on Heat-as-a-Service

Geography:

Pursuing pipeline of opportunities for projects in Europe, Asia

General and financial data

Capital raise: raised NIS 23M during 2024-2025 in private placements from Richter, EREN, Ratio and others. In addition, SAFE transactions in 2025 for NIS 6.5M from shareholders, subject to shareholder meeting approval.

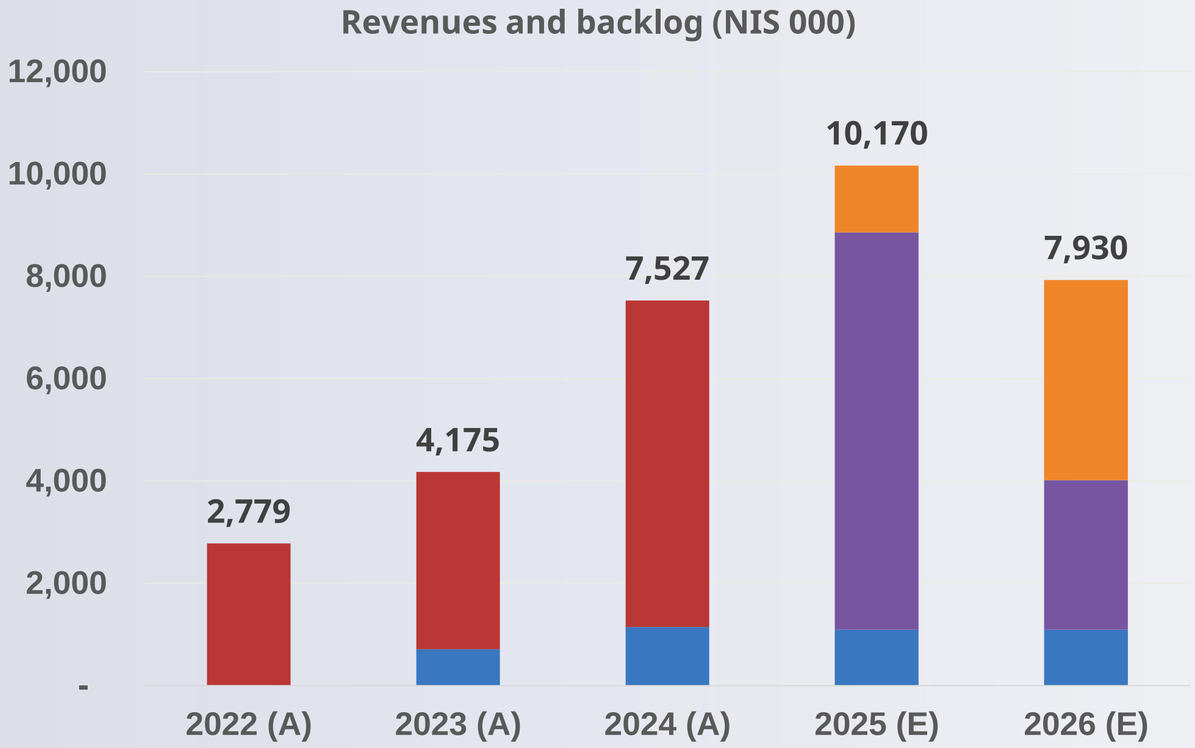
Opportunities: the company is pursuing a pipeline of opportunities through its subsidiary SOLID and cooperation with EREN, starting 2025

Risks: to execute its plans, the company is required to raise additional funds in the foreseeable future

Going Concern warning: Going Concern warning in the company's annual financial reports for 2024. The company's shareholder's equity for Dec. 31, 2024 was NIS 2.5M

Financial data

Reaping early benefits from completed strategic moves



- Revenues from projects
- Revenues from Heat as a Service
- Backlog of signed orders including order of **€ 1.8M** for a system in Chile
- Tender won for a solar thermal District Heating system in Poland for **€ 1.3M**

The order backlog for the year 2025 in the field of project development and execution, divided into interim periods, including projects in Chile and Poland, is as follows:
H1 – NIS 3.64M, H2 – NIS 5.43M

- **Profit and Loss:** a loss of NIS 16.7M in 2024, a loss of NIS 12.4M in 2023 and a loss of NIS 15.2M in 2022.
- **The backlog** (and the graph) do not include potential revenues from an expansion option in Chile (~ **€ 1.3M**) and ongoing (reported) negotiations to establish a heat-as-a-service project in Asia, valued at ~ **NIS 12M** for a leading international food corporation.

In Summary…

A unique opportunity, unfolding now!

- A huge decarbonization opportunity in the underserved renewable heat market
- Technological advantage, comprehensive solution
- Proven track record, experienced team with global execution capacity
- Extensive pipeline of opportunities
- A compelling Heat-as-a-Service offering through EREN partnership
- A unique value proposition and competitive advantage

Technology and solution components

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The Honeycomb Collector By TIGI

Innovative Solar Thermal collectors generate more heat from the sun, at higher target temperatures

- Unique **transparent insulation** minimizes losses to the sun-facing side
- High efficiency when heating to **higher target temperatures** or when cold
- **Longevity and low maintenance** unique overheating prevention technology and sealed case design
- High efficiency & long life leading to **low cost per kWh**
- EU and USA **certifications & patent** protection

TIGI

Industrial heat pumps

Efficient heat electrification technology

Heat pumps are highly efficient, producing 3-6 kWh of heat per kWh of electricity (COP)

Newly introduced technology achieves higher temperatures, befitting industrial requirements.

Requires customized system integration, thermal storage, and control.
TIGI has the knowledge and expertise.

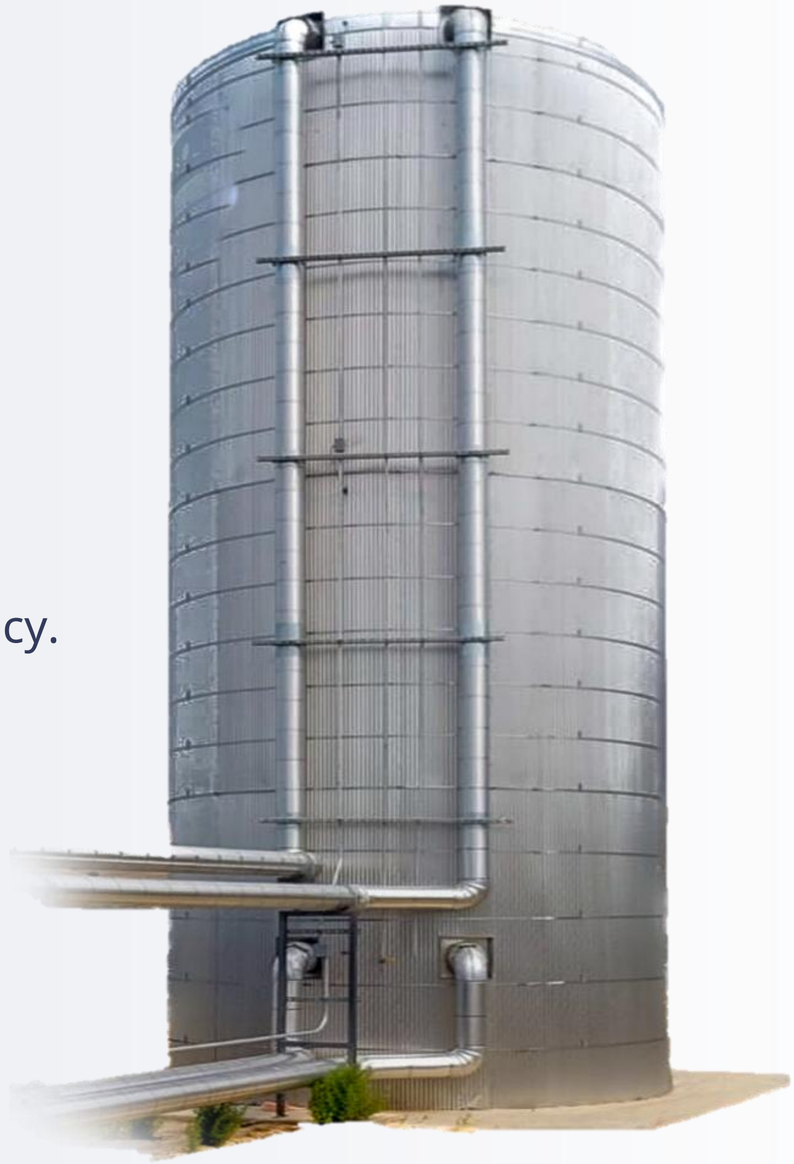
Optimized Thermal storage

Allows decoupling the heat production time from the consumption time. For example: collectors operate during the day, the heat pump runs when electricity is cheap, and heat is supplied when needed.

Separation of temperatures in storage leads to a higher temperature supply and improved heat production efficiency.

Stratified tanks

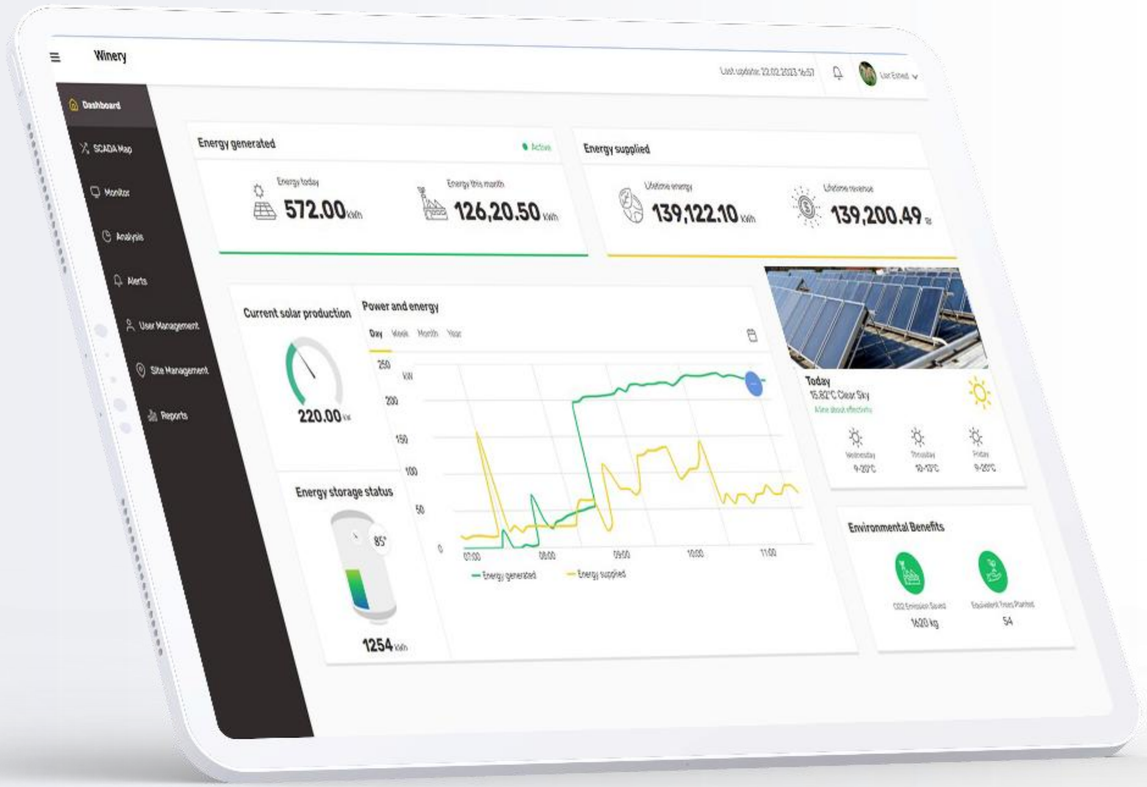
Storage is divided into several tanks with controlled valves and monitoring systems



A cloud-based control and optimization system

Optimizing heat processes leading to major cost savings, emission reduction

- Controlled locally and remotely via PC and mobile devices
- SCADA architecture, data analysis, smart dashboards, reports & maintenance
- Usage patterns, weather conditions, varying electricity prices



THANK YOU

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